## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	14	((SANG-HYUN) near2 (HAN)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/22 06:23
S2	2	((WOO-NAM) near2 (BYUN)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 13:30
S3	1711	SAMSUNG.as. and (speaker loudspeaker)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 15:45
S5	1711	SAMSUNG.as. and (speaker loudspeaker)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 07:00
S6	1	S5 and (circuit and dissipat\$3 and heat and duct).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 15:49
S7	1	S5 and (circuit and heat and duct).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 07:00
S8	5	S5 and (circuit and heat).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 07:00
S9	554	(speaker loudspeaker) and (circuit amplifier) and (duct pipe tube) and ((dissipate dissipating dissipated) with heat)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/10 15:50
S10	490	S9 and (@ad<="20030401" @pd<="20030401" @prad<="20030401" @rlad<="20030401")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/22 06:26
S11	252	S10 and air and (cool cooling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/18 09:14
S13	276	base! adj speaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/18 09:15
S14	3553	speaker adj (box enclosure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/18 10:30

## **EAST Search History**

S15	840	S14 and (duct tube pipe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/18 11:17
S16	166	S15 and (thermo* temperture heat cooling) and (control dissipat\$3 convection circulat\$3 flow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/18 12:19
S17	140	S16 and (@ad<="20030401" @pd<="20030401" @prad<="20030401" @rlad<="20030401")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/18 12:21
S18	122	S15 and ((thermo* temperture heat cooling) same (control dissipat\$3 convection circulat\$3 flow))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/18 12:19
S19	103	S18 and (@ad<="20030401" @pd<="20030401" @prad<="20030401" @rlad<="20030401")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/18 12:39
S20	523	(381/345 381/351 381/355 381/386).cor.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/18 14:12
S21	. 467	S20 and (@ad<="20030401" @pd<="20030401" @prad<="20030401" @rlad<="20030401")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/18 14:26
S22	166	(381/189 381/397).cor.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/18 14:12
S23	159	S22 and (@ad<="20030401" @pd<="20030401" @prad<="20030401" @rlad<="20030401")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/18 14:24
S24	252	(speaker adj (box enclosure)) same (duct pipe tube port) same (opening opened)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/18 14:25

## **EAST Search History**

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S25	229	S24 and (@ad<="20030401" @pd<="20030401" @prad<="20030401" @rlad<="20030401")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/18 14:26
S26	633	(381/349 381/350 381/160-161 381/164 181/156 181/155).cor.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/22 06:25
S27	618	S26 and (@ad<="20030401" @pd<="20030401" @prad<="20030401" @rlad<="20030401")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/22 06:26
S28	301	(181/198-199).cor.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/31 14:12
S29	285	S28 and (@ad<="20030401" @pd<="20030401" @prad<="20030401" @rlad<="20030401")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/31 14:13
S30	307	(181/155-156).cor.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/31 14:12
S31	300	S30 and (@ad<="20030401" @pd<="20030401" @prad<="20030401" @rlad<="20030401")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/31 14:13
S32	1	"20060039571"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/11 16:14
S33	27	(BUTTON near Douglas).in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/11 16:20
S34	344	(FUJIHIRA near MASAO).in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/11 16:21
S35	1	S34 and dissipator	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/11 16:21
S36	254	(cylind\$5 tub\$4) with ((speaker loudspeaker) adj (enclosure box))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/12 06:14
S37	236	S36 and (@ad<="20030401" @pd<="20030401" @prad<="20030401" @rlad<="20030401")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/12 06:15